Baracoda orKan 1D Laser

Bluetooth mobile barcode terminal

Data capture in warehouse, inventory management, picking & order preparation, goods in/goods out, access control

- Embedded display for instant data treatment
- Comes with 4 pre-loaded applications
- Application generator to customize the application or to generate new applications
- Withstands several 2 meter drops onto concrete
- IP54
- Bluetooth Class 1 (100m)
- Heavy duty removable battery
- 1D Laser, 1D CMOS, 2D Full Imager & RFID-HD also available

RFID | Bar Code | Bluetooth

baracoda™ Traceability

ingenico® healthcare e-ID

Baracoda orKan 1D Laser

NAME	Baracoda orKan 1D Laser-B0K-LA

Electronics characteristics	CPU	ARM9	
	Memory	SDRAM 128 Mbits NAND Flash 64 MBytes	
	Display characteristics	Graphic monochrome (white & deep blue) OLED Technology Diagonal: 1.54 In – Res.128 x 64 pix	
	Display comments	Up to status bar - capability to display: • 5 lines of 21 characters (small font) • 4 lines of 16 characters (big font)	
	Real Time Clock (RTC) for timestamp		
Scan engine	Reference (manufacturer)	SE950-I100R (Motorola)	
	Reading technology	Laser Class 2	
	Light source	650 nm	
	Reading distance	5 to 85 cm (for 40mil barcode)	
	Scan rate	104 scans/second	
	Scan angle	47°	
	Light	4844 to 107 640 Lux	
Reading modes	Trigger		
	Aiming		
	Laser beam ON via Bluetooth		
	Auto-scan (no duplicate scan)		
	Manual auto-scan		
Depth of field		5 Mil	1.8 to 8 In
		10 Mil	2.2 to 18 In
		100% UPC/EAN	2.2 to 24 In
		40 Mil	3 to 33 In
		55 Mil	3 to 42 In
Supported barcode symbologies	Linear barcodes	Code 2 of 5 standard - Interleaved 2 of 5 - Matrix 2 of 5 - Codabar/Monarch - Code 11 - Code 128 - GS-128 (UCC/EAN-128) - Code 39 - Italian PharmaCode - Code 93 - UPC-A - UPC-E - EAN 8/EAN 13 - JAN 8 & JAN 13 - ISSN/ISBN - MSI - GS1 DataBar Omnidirectionnal (RSS-14) - GS1 DataBar Limited (RSS-14 Limited)	

User interfaces	Buzzer	106 db(A)
	LED	2x tricolor (green, orange, red)
	Vibration notification	Yes
Supported interfaces	Standard dongle	
	USB	Plug&Scan
	RS232	Plug&Scan
Using modes	Real time (raw)	
	Real time with "No Data Loss" with buffer	
	Batch	
Power energy	Battery type	Removable battery pack - Lithium Polymer
	Battery capacity	2000 mAh
	Battery dim./weight	64.5 x 37.7 x 12.7 mm/44 g
	Charging time	With provided PSU or cradle: 6 hours
	Back up battery	
Communication interfaces	Radio frequence	Bluetooth 2.0 + EDR (SPP profile)
	Radio range	Class 1 (100m)
	USB (micro USB)	
	Cradle	Depending on cradle version
User environment	Operating temperature	-10°C - +40°C
	Storage temperature	-20°C - +50°C
	Humidity	5 - 95% (non-condensing)
	Shocks	Multiple 2m/6.6ft drops onto concrete (with protective boot)
	IP rate	IP 54
Physical characteristics	Length	134.3 mm
	Width	57.1 mm
	Height	36.9 mm
	Weight	180 g (with battery)

Available accessories

Cradle

Protective boot

Content

- 1 Baracoda orKan terminal with rechargeable battery
- 1 charger
- 1 universal charging adaptor (AUS/EU/US/UK)
- 1 CD with software and documentation

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